

CLAIMS

1. An optical communication ferrule for receiving an inserted optical fiber, comprising a plurality of ferrule components having one or two or more fine holes in which the optical fiber is inserted, the ferrule components being connected with one another in an insertion direction of the optical fiber.
2. The ferrule according to claim 1, wherein the plurality of ferrule components are connected such that the one or two or more fine holes of the ferrule components to be connected are arranged in substantially a straight line.
3. The ferrule according to claim 1 or 2, wherein the one or two or more fine holes of the ferrule components are expanded in a tapered form on at least one ends thereof.
4. The ferrule according to claim 1 or 2, wherein the ferrule component has an adhesive filling recess or protrusion, and an injection groove for injecting an adhesive from the outside to the adhesive filling recess or protrusion.
5. The ferrule according to claim 1 or 2, wherein the ferrule component has an engagement portion engaged with a connector housing in which

the ferrule is set.

6. The ferrule according to claim 1 or 2, wherein the ferrule component contains zirconia ceramics.

7. An optical communication ferrule for receiving an inserted optical fiber, comprising a plurality of ferrule components having one or two or more fine holes in which the optical fiber is inserted, wherein:

the one or two or more fine holes of the ferrule components are expanded in a tapered form on at least one ends thereof; and

the ferrule components are connected to one another along an insertion direction of the optical fiber.

8. The ferrule according to claim 7, wherein the ferrule component has an adhesive filling recess or protrusion, and an injection groove for injecting an adhesive from the outside to the adhesive filling recess or protrusion.

9. The ferrule according to claim 7 or 8, wherein the ferrule component has an engagement portion engaged with a connector housing in which the ferrule is set.

10. The ferrule according to claim 7 or 8, wherein the ferrule component contains zirconia ceramics.

11. A manufacturing method for an optical communication ferrule that receives an inserted optical fiber, comprising:

perforating in a plurality of ferrule components one or two or more fine holes in which the optical fiber is inserted; and

connecting the ferrule components having the fine holes perforated therein such that the fine holes are arranged in substantially a straight line.

12. The manufacturing method for an optical communication ferrule according to claim 11, wherein the ferrule component has a width of about 3 mm or smaller along an arranging direction of the perforated fine holes.